

s/n: 10/633,546  
date: 2-18-05

(iris or diaphragm or aperture ) same ((leaf or blade) with (pivot\$3 or 7472 rotat\$3))	US-PGPUB; USPAT; IBM_TDB	2/18/05 17:32
((359/739,894,227) or	US-PGPUB; USPAT; USOCR;	
3141 (396/452,505,493,510,462,463,474,487,488)).CCLS.	IBM_TDB	2/18/05 17:45
355 4 and L5	US-PGPUB; USPAT; IBM_TDB	2/18/05 17:33
1272346 6 and fasten or secur\$3	US-PGPUB; USPAT; IBM_TDB	2/18/05 17:33
162 6 and (fasten or secur\$3)	US-PGPUB; USPAT; IBM_TDB	2/18/05 17:33
107 8 and (hole or punch)	US-PGPUB; USPAT; IBM_TDB	2/18/05 17:35
1 8 and (hole with (punch or pierc\$3))	US-PGPUB; USPAT; IBM_TDB	2/18/05 17:36
0 ("5541694").URPN.	USPAT	2/18/05 17:37
4 ("4956139"   "4962202"   "4965617"   "5025278").PN.	US-PGPUB; USPAT; USOCR	2/18/05 17:37
149 (353/75).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	2/18/05 17:45
598 (353/75,97).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	2/18/05 17:46
3 4 and 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/18/05 17:46
((359/739,894,227) or		
(396/452,505,493,510,462,463,474,487,488)).CCLS.) and ((iris or		
diaphragm or aperture ) same ((leaf or blade) with (pivot\$3 or	US-PGPUB; USPAT;	
340 rotat\$3)))	IBM_TDB	2/18/05 17:33
(iris or diaphragm or aperture ) same ((leaf or blade) with (pivot\$3 or	US-PGPUB; USPAT;	
7207 rotat\$3))	IBM_TDB	2/18/05 17:32
19762 projection and (light or illuminat\$5) and (lens with (angle\$3 or tilt\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/18/05 15:36
projection and (((light or illuminat\$5) with axis) same (lens with	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2/18/05 15:36
4793 (angle\$3 or tilt\$3)))	USPAT	7/31/04 12:09
4 3433142.URPN.		
("3183776"   "3433142"   "3571588"   "4018527"   "4199247"		
"4257086"   "4435075"   "4893225"   "5072249"   "5073847"		
12 "5207494"   "5323301").PN.	USPAT	7/31/04 12:05
4 5072249.URPN.	USPAT	7/31/04 11:45
((iris or diaphragm or shutter or aperture) same pin\$2 same light) and	US-PGPUB; USPAT;	
484 (base with (slot or groove))	IBM_TDB	7/31/04 11:40
((359/739,894,227,234) or		
(396/452,505,493,510,462,463,474,487,488)).CCLS.) and (((iris or		
diaphragm or shutter or aperture) same pin\$2 same light) and (base	US-PGPUB; USPAT;	
35 with (slot or groove))	IBM_TDB	7/31/04 11:40
((iris or diaphragm or shutter or aperture) same pin\$2 same light)	US-PGPUB; USPAT;	
1079 same (slot or groove)	IBM_TDB	7/31/04 11:39
2249 (iris or diaphragm or shutter) same pin\$2 same light	US-PGPUB; USPAT; IBM_TDB	7/31/04 11:35

204	((iris or diaphragm or shutter) same pin\$2 same light) same control same (slot or groove)	US-PGPUB; USPAT; IBM_TDB	7/31/04 11:35
4968	(iris or diaphragm or shutter or aperture) same pin\$2 same light	US-PGPUB; USPAT; IBM_TDB	7/31/04 11:35
5	("3668995"   "3727531"   "4975725"   "5225936"   "5250971").PN.	USPAT	7/31/04 11:33
	((iris or diaphragm or shutter) same pin\$2 same light) same control and (((359/739,894,227,234) or	US-PGPUB; USPAT; IBM_TDB	7/31/04 11:29
51	(396/452,505,493,510,462,463,474,487,488)).CCLS.)		
	((iris or diaphragm or shutter) same pin\$2 same light) same control same (slot or groove)) and (((359/739,894,227,234) or	US-PGPUB; USPAT; IBM_TDB	7/31/04 11:29
22	(396/452,505,493,510,462,463,474,487,488)).CCLS.)		
	((iris or diaphragm or shutter) same pin\$2 same light) and (((359/739,894,227,234) or	US-PGPUB; USPAT; IBM_TDB	7/31/04 11:28
174	(396/452,505,493,510,462,463,474,487,488)).CCLS.)		
650	((iris or diaphragm or shutter) same pin\$2 same light) same control ((359/739,894,227) or	US-PGPUB; USPAT; IBM_TDB	7/31/04 11:28
2222	(396/452,505,493,510,462,463,474,487,488)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	7/31/04 11:27
	((359/739,894,227,234) or	US-PGPUB; USPAT; USOCR; IBM_TDB	7/31/04 11:27
2377	(396/452,505,493,510,462,463,474,487,488)).CCLS.		
	((iris or diaphragm or shutter) same pin\$2 same light) and (((359/739,894,227,234) or	US-PGPUB; USPAT; IBM_TDB	7/31/04 11:27
135	(396/452,505,493,510,462,463,474,487,488)).CCLS.)) and control	US-PGPUB; USPAT; IBM_TDB	7/31/04 11:27
4	2830617.URPN.	USPAT	7/31/04 11:26
	("2508615"   "2557213"   "2608278"   "2649272"   "2830617"		
10	"2934892"   "3181451"   "3706290"   "4094492"   "4095514").PN.	USPAT	7/31/04 11:25
13	4094492.URPN.	USPAT	7/31/04 11:25
6	4232595.URPN.	USPAT	7/31/04 11:24
	((359/234).CCLS.) and (iris or diaphragm or shutter) and (manual same	US-PGPUB; USPAT; IBM_TDB	7/31/04 11:23
3	automatic)	US-PGPUB; USPAT; IBM_TDB	7/31/04 11:23
303	iris with valve	US-PGPUB; USPAT; IBM_TDB	7/31/04 11:23
29	iris with shutter with valve	US-PGPUB; USPAT; IBM_TDB	7/31/04 11:23
	((359/234).CCLS.) and (iris or diaphragm or shutter) and (manual and	US-PGPUB; USPAT; IBM_TDB	7/31/04 10:57
3	automatic)	US-PGPUB; USPAT; IBM_TDB	7/31/04 10:56
28	((359/234).CCLS.) and (iris or diaphragm or shutter) and motor	USPAT	7/31/04 10:55
4	("3654845"   "3687042"   "4100558"   "4113359").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	7/31/04 10:52
192	(359/234).CCLS.	US-PGPUB; USPAT; IBM_TDB	7/31/04 10:31
9	(punch or pierce) with curl with fasten\$5	US-PGPUB; USPAT; IBM_TDB	7/31/04 10:30
32	pierce with curl	US-PGPUB; USPAT; IBM_TDB	7/31/04 10:28
	((359/234).CCLS.) and (fasten\$5 or attach\$5 or rivet\$5 or	USPAT	7/31/04 10:27
61	grommet\$5)	USPAT	7/31/04 10:17
	("2821764"   "3551956"   "4306511"   "4611381"   "4860425"	USPAT	7/31/04 10:12
9	"4956139"   "4965933"   "5359761"   "5448824").PN.	USPAT	7/31/04 10:12
1	2553622.URPN.		
5	2439330.URPN.		
2	5803571.URPN.		
	("2195166"   "2439330"   "2465578"   "3049615"   "4210955"	USPAT	7/31/04 10:11
7	"4890208"   "5345371").PN.	USPAT	7/31/04 10:10
2	2195166.URPN.		

0 1288555.URPN.	USPAT	7/31/04 10:08
2 1503800.URPN.	USPAT	7/31/04 10:08
0 D315743.URPN.	USPAT	7/31/04 10:08
9 brass with fastener with legs	US-PGPUB; USPAT;	
0 1139444.URPN.	IBM_TDB	7/31/04 10:07
0 5541694.URPN.	USPAT	7/31/04 10:07
4 ("4956139"   "4962202"   "4965617"   "5025278").PN.	USPAT	7/31/04 10:04
2 ("4009946"   "4956139").PN.	USPAT	7/31/04 10:04
0 5731016.URPN.	USPAT	7/31/04 10:04
7 4956139.URPN.	USPAT	7/31/04 10:03
("2688581"   "3077658"   "3366512"   "3890679"   "3952402"		
8 "4135297"   "4202091"   "4230659").PN.	USPAT	7/31/04 10:02
0 6375155.URPN.	USPAT	7/31/04 9:52
("1999699"   "2649272"   "3101736"   "4094492"   "4095514"		
10 "4513948"   "5549086"   "5802716"   "5975493"   "5993978").PN.	USPAT	7/31/04 9:52
11 2649272.URPN.	USPAT	7/31/04 9:47
("2508615"   "2557213"   "2608278"   "2649272"   "2830617"		
10 "2934892"   "3181451"   "3706290"   "4094492"   "4095514").PN.	USPAT	7/31/04 9:46
37 (bendable with fastener) same (rotat\$5 or pivot\$5)	US-PGPUB; USPAT;	
	IBM_TDB	7/31/04 9:38
371 bendable with fastener	US-PGPUB; USPAT;	
5 3762266.URPN.	IBM_TDB	7/31/04 9:36
("3685391"   "2399773"   "2765227"   "3326678"   "3665073"	USPAT	7/31/04 9:35
6 "2393564").PN.		
	USPAT	7/31/04 9:35
167 (fasten\$5 with (fold or bend)) with (pivot or rotate)	US-PGPUB; USPAT;	
	IBM_TDB	7/31/04 7:59
2073 (fasten\$5 with (fold or bend)) and (pivot or rotate)	US-PGPUB; USPAT;	
	IBM_TDB	7/31/04 7:58
337 (fasten\$5 with (fold or bend)) same (pivot or rotate)	US-PGPUB; USPAT;	
	IBM_TDB	7/31/04 7:58
73 fasten\$5 same (integral with grommet)	US-PGPUB; USPAT;	
	IBM_TDB	7/31/04 7:57
6623 fasten\$5 with (fold or bend)	US-PGPUB; USPAT;	
	IBM_TDB	7/31/04 7:57
24 fastener same punch same fold	US-PGPUB; USPAT;	
	IBM_TDB	7/31/04 7:54
758 (359/739,894).CCLS.	US-PGPUB; USPAT; USOCR;	
	IBM_TDB	7/31/04 7:47
62 ((359/739,227).CCLS.) and (blade or leaf)	US-PGPUB; USPAT;	
	IBM_TDB	7/30/04 17:33
192 iris same fasten\$5	US-PGPUB; USPAT;	
(((359/739,894,227) or	IBM_TDB	7/30/04 17:33
(396/452,505,493,510,462,463,474,487,488)).CCLS.) and (iris same		
5 fasten\$5)	US-PGPUB; USPAT;	
("2393408"   "3744393"   "4444489"   "4470687"   "4610524"	IBM_TDB	7/30/04 17:33
9 "4778255"   "4961087"   "5038168"   "5325142").PN.	USPAT	7/30/04 17:26
1 4610524.URPN.	USPAT	7/30/04 17:25
553 (359/739,227).CCLS.	US-PGPUB; USPAT; USOCR;	
	IBM_TDB	7/30/04 17:23
32 (punch or stamp) same push same fold	US-PGPUB; USPAT;	
	IBM_TDB	7/30/04 17:21

11580 mechanical adj fastener	US-PGPUB; USPAT; IBM_TDB	7/30/04 17:21
266 (mechanical adj fastener) same pivot	US-PGPUB; USPAT; IBM_TDB	7/30/04 17:21
40 ((mechanical adj fastener) same pivot) and leaf	US-PGPUB; USPAT; IBM_TDB	7/30/04 17:21
1 (iris with (leaf or leaves)) same fasten\$5	US-PGPUB; USPAT; IBM_TDB	7/30/04 17:15
36241 (iris or diaphragm or aperture ) with fasten\$5	US-PGPUB; USPAT; IBM_TDB	7/30/04 17:13
0 (iris with (leaf or leaves)) with fasten\$5	USPAT	7/30/04 17:09
6 4232595.URPN.	US-PGPUB; USPAT; IBM_TDB	7/30/04 17:06
391 iris with (leaf or leaves)	US-PGPUB; USPAT; IBM_TDB	7/30/04 17:06
95 (iris with (leaf or leaves)) and pin	US-PGPUB; USPAT; IBM_TDB	7/30/04 17:06
26 (iris with (leaf or leaves)) with pin	US-PGPUB; USPAT; IBM_TDB	7/30/04 17:06
((iris or diaphragm or aperture ) same ((leaf or blade) with (pivot\$3 or	US-PGPUB; USPAT; IBM_TDB	7/30/04 17:03
13 rotat\$3))) same light) same fasten\$5	US-PGPUB; USPAT; IBM_TDB	7/30/04 17:01
83160 (iris or diaphragm or aperture ) same light	US-PGPUB; USPAT; IBM_TDB	7/30/04 17:01
((iris or diaphragm or aperture ) same ((leaf or blade) with (pivot\$3 or	US-PGPUB; USPAT; IBM_TDB	7/30/04 17:01
863 rotat\$3))) same light	US-PGPUB; USPAT; IBM_TDB	7/30/04 17:00
19 grommet.ti. and (grommet with pivot)	US-PGPUB; USPAT; IBM_TDB	7/30/04 16:55
1 grommet.in.	US-PGPUB; USPAT; IBM_TDB	7/30/04 16:55
660 grommet.ti.	US-PGPUB; USPAT; IBM_TDB	7/30/04 16:55
260 grommet with pivot	USPAT	7/30/04 16:28
5 3762266.URPN. ("2030167"   "2030171"   "2038189"   "2511920"   "2572246"   "2842022"   "3426641"   "3461771"   "3747467"   "3848389"		
14 "3995406"   "4046053"   "4126076"   "4767248").PN.	USPAT	7/30/04 16:26
13 3848389.URPN. ("0980420"   "1947906"   "2080220"   "2994933"   "3740839"   "3762266"   "3848389"   "4485816"   "4512699"   "4754538"	USPAT	7/30/04 16:25
12 "4841100"   "4985979").PN.	USPAT	7/30/04 16:23
17 4512699.URPN.	US-PGPUB; USPAT; IBM_TDB	7/30/04 16:21
2 (hollow with pin with rivet).ti.	USPAT	7/30/04 16:21
5 3030850.URPN.	US-PGPUB; USPAT; IBM_TDB	7/30/04 16:20
0 (hollow with pin with rivet).in.	US-PGPUB; USPAT; IBM_TDB	7/30/04 16:20
20 (hollow with pin with rivet) same pivot	US-PGPUB; USPAT; IBM_TDB	7/30/04 16:17
16 iris same rivet	US-PGPUB; USPAT; IBM_TDB	7/30/04 16:17
221 hollow with pin with rivet	USPAT	7/30/04 16:02
2 3836234.URPN.		

20 rivet with fold with hole	US-PGPUB; USPAT; IBM_TDB	7/30/04 15:55
1367 rivet with fasten	US-PGPUB; USPAT; IBM_TDB	7/30/04 15:52
260 rivet with fold	US-PGPUB; USPAT; IBM_TDB	7/30/04 15:52
0 ((359/227).CCLS.) same rivet	US-PGPUB; USPAT; IBM_TDB	7/30/04 15:51
3 ((359/227).CCLS.) and rivet	US-PGPUB; USPAT; IBM_TDB	7/30/04 15:51
237 (rivet with fasten) with hole	US-PGPUB; USPAT; IBM_TDB	7/30/04 15:51
0 ((rivet with fasten) with hole) with fold (((359/739,894,227) or (396/452,505,493,510,462,463,474,487,488)).CCLS.) and ((leaf or 4 blade) with (pivot\$3 or rotat\$3) with joint)	US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; USOCR; IBM_TDB	7/30/04 15:50
251 (359/227).CCLS.	USPAT	7/30/04 15:50
3 3727531.URPN.	USPAT	7/30/04 15:47
3 5394212.URPN.	USPAT	7/30/04 15:47
1 4610524.URPN.	USPAT	7/30/04 15:45
3 3727531.URPN.	USPAT	7/30/04 15:44
2 ("3348463"   "3727531").PN.	USPAT	7/30/04 15:43
2 ("4009946"   "4956139").PN.	USPAT	7/30/04 15:42
8 4009946.URPN.	USPAT	7/30/04 15:37
2 ("4009946"   "4956139").PN.	USPAT	7/30/04 15:33
0 5731016.URPN.	USPAT	7/30/04 15:32
0 5541694.URPN.	USPAT	7/30/04 15:30
4 ("4956139"   "4962202"   "4965617"   "5025278").PN.	USPAT	7/30/04 15:30
7 4956139.URPN.	USPAT	7/30/04 15:30
102270 (leaf or blade) with (pivot\$3 or rotat\$3)	US-PGPUB; USPAT; IBM_TDB	7/30/04 15:26
1434 (leaf or blade) with (pivot\$3 or rotat\$3) with joint ((((359/739,894,227) or (396/452,505,493,510,462,463,474,487,488)).CCLS.) and ((iris or diaphragm or aperture ) same ((leaf or blade) with (pivot\$3 or 14 rotat\$3)))) and joint	US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; IBM_TDB	7/30/04 15:26
3 burst with hole with joint	USPAT	7/30/04 15:25
5 ("2481660"   "3456351"   "4774537"   "4897681"   "5099334").PN.	US-PGPUB; USPAT; IBM_TDB	7/30/04 15:12
572322 iris or diaphragm or aperture	IBM_TDB	7/30/04 15:10